

2015 WSU Variety Testing Hard Spring Wheat Trial, Dayton

Variety Name <i>Hard White Italicized</i>	2015					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Glee	32	59.4	13.3	26	155	36	39	52
<i>BR7030</i>	32	59.4	12.9	26	156	37	41	56
Chet (WA 8165)	32	60.6	14.1	28	157	37	40	
<i>LCS-Atomo</i>	31	59.9	12.3	19	154	39		
Hollis	31	58.6	14.7	30	156	35	36	48
<i>Dayn</i>	30	59.4	13.0	26	155	34	37	52
Jefferson	30	58.8	13.9	24	156	36	38	50
Alum (WA 8166)	29	59.4	13.6	26	157	36	38	
SY Steelhead	29	59.6	13.9	25	158	37		
<i>LCS-Star</i>	29	57.9	12.3	21	156	37	37	
WB9879CLP	29	58.9	14.1	23	159	35	36	
WB9229	29	59.1	14.1	20	158			
Kelse	28	58.7	14.2	26	157	35	38	52
<i>UI-Platinum</i>	28	59.9	12.3	24	154	38	38	
WB9518	28	59.0	14.7	23	156			
Scarlet	27	57.8	13.2	25	156	31	36	51
LCS-Buck Pronto	27	58.0	14.7	25	154	34	38	50
WB9668	26	60.0	15.2	22	155			
Bullseye	25	61.3	13.2	22	156	33	36	49
SY605 CL	22	60.4	13.5	26	155	28	33	
EXPERIMENTAL LINES								
10SB0087-B	35	58.8	13.1	24	158	40		
Glee-0W	31	59.7	13.2	26	154	39	43	
WA 8242	31	59.0	13.5	26	154			
Glee-G2	31	59.5	13.3	26	154	36	39	
WA 8220	30	59.8	13.1	25	157	35		
<i>12SB0131</i>	30	57.7	13.0	24	157			
11SB0096	30	58.5	12.8	22	157	37	38	
<i>IDO1202S</i>	29	58.9	13.6	27	158	37	39	
04W40292R	29	55.3	13.9	23	157			
WA 8241	29	60.2	13.5	27	154			
04PN3001-2	28	57.0	13.6	27	155			
IDO862E	28	59.2	13.9	25	154	33	36	
<i>12SB0146</i>	27	58.6	12.0	22	157			
<i>WA 8240</i>	26	59.4	13.4	25	157			
WA 8217	24	59.6	12.9	25	156	33		
Soft Alzada (Durum)	19	59.7	12.4	22	155			
C.V. %	9	1	3	4	0	11	10	8
LSD (0.10)	3	0.7	0.5	1	1	3	2	2
Average	29	59.1	13.5	25	156	35	38	51
Highest	35	61.3	15.2	30	159	40	43	56
Lowest	19	55.3	12.0	19	154	28	33	48

Dayton Hard Spring Wheat--Preliminary Data

- 1.** Grain yield in the 2015 Dayton hard spring wheat trial averaged 29 bushels/acre, well below the five-year average of 51 bushels/acre. The Dayton nursery was located about six miles northwest of Dayton, WA (J. Penner, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.
- 2.** This nursery was seeded on April 9, 2015 following winter wheat. Seeding rate was 80#/acre and base fertilizer was 100#N per acre. Soil tests showed 112#N, 21#P and 5#S. No additional fertilizer was applied.
- 3.** This trial was treated with fungicide on May 26 and stripe rust was not a factor.